

WHAT IS CLAIMED IS:

1. A display system for displaying images fed from a plurality of measuring devices, said display system comprising:

a synchronizer for synchronizing horizontal and vertical synchronizing signals of the individual measuring devices with one another;

an image selector for selecting desired image signals from those fed from the individual measuring devices during each successive horizontal scanning period or vertical scanning period; and

an indicator for simultaneously displaying a plurality of images obtained from the selected image signals by arranging the images horizontally or vertically based on the horizontal and vertical synchronizing signals;

wherein an image selection command is transmitted from said indicator to said image selector.

2. A display system according to claim 1 further comprising an image priority allocator which gives first priority to one of two image signals in selecting a foreground image in an image overlay mode in which the two image signals are selected at the same time and combined during a specified portion of each successive scanning period.

3. A display system according to claim 1 or 2 wherein control signals for setting parameters of the individual measuring devices are transmitted from said indicator through a control line.

4. A display system according to claim 3 wherein a plurality of indicators are parallel-connected and image selection commands and parameter setting commands can be transmitted from any of said indicators through a common control line.

5. A display system for displaying images fed from a plurality of measuring devices, said display system comprising:

a synchronizer for synchronizing horizontal and vertical synchronizing signals of the individual measuring devices with one another;

an RGB signal mixer for combining R, G and B signals output from each of said measuring devices into a single video signal;

an image selector which separates the combined video signal of each measuring device into its original R, G and B signals and selects desired image signals from those fed from the individual measuring devices during each successive horizontal scanning period or vertical scanning period; and

a plurality of indicators;

wherein parameters of the individual measuring devices can be set from any of said indicators through a common control line.

6. A display system according to claim 3, 4 or 5 wherein a parameter is a measuring range.

7. A display system for displaying images comprising:

a plurality of measuring devices;

an image selector for selecting; and

an indicator for displaying an image obtained from the selected image signal;

wherein an image selection command is transmitted from said indicator to said image selector and a parameter is transmitted from said indicator to one of said plurality of measuring devices.

8. A display system comprising:

a plurality of measuring devices;

a plurality of indicators for displaying images obtained from said plurality of measuring devices;

wherein a parameter is transmitted to a desired one of the measuring devices from

at least one of the indicators.

9. A display system for displaying images fed from two or three of a radar, a plotter and an echo sounder, said display system comprising:

a plurality of indicators for displaying images obtained from said one or two or three measuring devices;

wherein a parameter is transmitted to a desired one of the measuring devices from at least one of the indicators.